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| Application No. | Applicant(s) | - |
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| 09/387,452      | DONO ET AL.  |   |
| Examiner        | Art Unit     |   |

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|   | Interference |

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| Cla      | aim         |          |                 |           |          | Date     | •        |          |                 |           |         | Cla                | im       |                 |  |              | Date                                    |               |         |              | ::[ | CI    | aim        |                 |          |              | Date     |          |  | _        |               |
|----------|-------------|----------|-----------------|-----------|----------|----------|----------|----------|-----------------|-----------|---------|--------------------|----------|-----------------|--|--------------|---|---------------|---------|--------------|-----|-------|------------|-----------------|----------|--------------|----------|----------|--|----------|---------------|
|          | <del></del> | 2        |                 |           |          |          |          |          |                 |           |         |                    | <u></u>  |                 |  |              |   |               |         |              |     |       | ā          |                 |          |              |          |          | -  |          |               |
| Final    | Original    | 2/28/05  |                 |           |          |          |          |          |                 | -         |         | Final              | Original |                 |  |              |   |               |         |              |     | Final | Original   |                 |          |              |          |          | ı  |          | ļ             |
| Œ        | ٦           | 22       |                 |           |          |          |          |          |                 | - 1       |         | ᄪ                  | Ö        |                 |  |              |   | -             |         |              |     | ίĽ    | Ö          |                 | - 1      |              |          |          |  |          | - 1           |
|          |             |          |                 |           | _        |          |          |          |                 |           |         |                    |          | $\Box$          |  |              | Ш                                       | $\perp$       |         | :            |     |       |            | $\downarrow$    |          | Ш            |          | $\dashv$ | _  | _        | ᆜ             |
|          | 1           | 1        | $\sqcup$        | 4         | _        | Ш        | $\Box$   | $\Box$   |                 | _         |         |                    | 51       | $\vdash$        | +  | $\bot$       | $\square$                               | _             |         | <u> </u>     |     |       | 101        |                 |          |              | $\vdash$ | _        | -  | -        | $\dashv$      |
|          | 2           | 1        | Щ               | _         | _        |          |          |          | $\dashv$        | _         |         |                    | 52       | $\vdash$        | _  | ┿            | $\vdash$                                | -             |         |              | -   |       | 102        | _               |          |              | $\dashv$ | $\dashv$ | $\dashv$   | $\dashv$ |               |
|          | 3           | 1        | $\sqcup$        | -         | _        | _        |          | -        | $\dashv$        | ᅴ         |         |                    | 53       | -               | +  |              | $\vdash$                                | -             |         | H            |     |       | 103        | -+              |          | $\vdash$     | $\dashv$ | -        | $\dashv$   | $\dashv$ |               |
| <b></b>  | 4           | 1        | $\vdash \vdash$ | -         | -        | _        |          | _        |                 |           |         | $\vdash$           | 54<br>55 | $\vdash$        | +  | +            |   | +             | +       | $\mathbf{H}$ |     |       | 104<br>105 | +               | -        |              |          |          | $\dashv$   |          | $\dashv$      |
|          | 5<br>6      | √<br>√   | $\vdash$        |           | $\dashv$ | -        | -        |          | $\dashv$        | $\dashv$  |         | $\vdash$           | 56       | +               | ┰  | +-           | $\vdash$                                | -             | ╁       |              |     |       | 106        | $\dashv$        | -        | $\vdash$     |          |          | -  |          | $\dashv$      |
|          | 7           | -        | $\vdash$        |           | $\dashv$ | $\vdash$ | -        |          | $\dashv$        | $\dashv$  |         | $\vdash$           | 57       | $\vdash$        | +  | +            | H                                       | -             | +       | H            | ŀ   |       | 107        | $\dashv$        | +        |              | $\dashv$ |          | +  | $\dashv$ | $\dashv$      |
|          | 8           | √        | H               | $\dashv$  | -        | Н        | Н        | -        | $\dashv$        | $\dashv$  |         | $\vdash$           | 58       | $\vdash$        | ╅  | ╁            | $\vdash$                                | _             | +       |              |     |       | 108        | _               |          | -            | $\dashv$ | _        | $\dashv$   | $\dashv$ | $\dashv$      |
|          | 9           | 1        | H               | $\dashv$  | $\dashv$ |          |          | $\vdash$ | $\dashv$        | $\dashv$  |         |                    | 59       | $\vdash$        | +  | ╁            | H                                       |               | +       |              |     |       | 109        | $\dashv$        | +        |              |          |          | $\dashv$   | $\dashv$ | $\neg$        |
|          | 10          | V        | $\vdash$        | $\dashv$  | $\dashv$ | $\vdash$ |          |          | $\dashv$        | 一         |         |                    | 60       | $\vdash$        | +  | +-           |   |               | $\top$  | $\square$    |     |       | 110        | _               | $\dashv$ | H            |          | $\neg$   | _  |          | $\neg$        |
|          | 11          | V        |                 | $\dashv$  | $\dashv$ | $\vdash$ | Н        |          |                 |           |         |                    | 61       |                 | $^{+}$   | +-           | Ħ                                       | $\neg$        | $\top$  | $\Box$       |     |       | 111        |                 | 1        |              |          |          | $\dashv$   | $\neg$   | $\neg$        |
|          | 12          | 1        |                 | $\exists$ |          | $\Box$   | H        | П        | $\vdash$        |           |         |                    | 62       | $\vdash$        | 十  | +-           | $\Box$                                  |               | 1       |              |     |       | 112        | $\dashv$        |          | П            |          | 一        | $\neg$   | 寸        | $\neg$        |
|          | 13          | ∀        | $\vdash$        | $\dashv$  | $\dashv$ | П        | Н        | П        | $\dashv$        | $\neg$    |         |                    | 63       | $\sqcap$        | 十  | 1            | $\Box$                                  | $\neg \vdash$ |         | П            |     |       | 113        | $\dashv$        |          | П            | $\Box$   |          | 寸  | 寸        | $\neg$        |
|          | 14          | 1        | -               |           |          |          | П        |          |                 |           |         |                    | 64       |                 | $\top$   | 1            | П                                       | $\neg$        |         |              |     |       | 114        |                 |          |              |          |          |  | 二        |               |
|          | 15          | 1        | $\Box$          |           |          |          |          |          |                 |           |         |                    | 65       |                 | T  |              |   |               |         |              |     |       | 115        |                 |          |              |          |          |  | $\Box$   |               |
|          | 16          | 1        |                 |           |          |          |          |          |                 |           |         |                    | 66       |                 |  | $oxed{oxed}$ |   |               |         |              |     |       | 116        |                 |          |              |          |          | $\Box$   | $\Box$   |               |
|          | 17          | 1        | П               |           |          |          |          |          |                 |           |         |                    | 67       |                 |  |              |   |               |         |              | [   |       | 117        |                 |          |              |          |          | $\Box$   |          |               |
|          | 18          | 1        |                 |           |          |          |          |          |                 |           |         |                    | 68       |                 |  |              |   |               |         |              |     |       | 118        |                 |          |              |          |          |  |          |               |
|          | 19          | 1        |                 |           |          |          |          |          |                 |           |         |                    | 69       |                 |  | 1            |   |               |         |              |     |       | 119        |                 |          |              |          | _        | $\perp$  | _        | _             |
|          | 20          | 1        |                 |           |          |          |          |          |                 |           |         |                    | 70       | Ш               | $\perp$  |              | Ш                                       |               | $\perp$ | Ш            |     |       | 120        | _               |          | <u> </u>     | Ш        |          | $\dashv$   | _        | _             |
|          | 21          | 1        |                 |           |          |          |          |          |                 |           |         | oxdot              | 71       | $\sqcup \bot$   |  | ļ            | Ш                                       |               |         | L-I          |     |       | 121        | $\dashv$        |          |              | Ш        |          | _  | _        |               |
|          | 22          | Ŀ        |                 |           |          |          |          |          |                 |           |         | igsqcut            | 72       | Щ.              |  | <u> </u>     | Ш                                       | _             |         | Ш            |     |       | 122        | _               |          | <u> </u>     |          | _        | $\dashv$   | $\dashv$ | _             |
|          | 23          | ╙        |                 |           |          |          |          |          |                 | _         |         | oxdot              | 73       |                 | _  | _            | Ш                                       |               |         | Ш            |     |       | 123        | _               |          |              |          | _        | $\dashv$   | $\dashv$ | $\dashv$      |
| <u> </u> | 24          | ļ        |                 |           |          |          |          |          |                 |           |         | igsqcut            | 74       | <b>-</b>        | _  |              | L                                       | _             | -       | Ш            |     |       | 124        | $\dashv$        | _        | _            |          |          | $\dashv$   |          | -             |
| -        | 25          | <u> </u> |                 | _         |          |          | Щ        |          |                 | _         |         |                    | 75       | $\vdash$        | 4  | -            | $\perp$                                 |               | -       | $\square$    |     |       | 125        | -+              |          | <u> </u>     |          |          | $\dashv$   | $\dashv$ | $\dashv$      |
|          | 26          | ₩        | $\vdash$        |           | _        | _        |          |          | Н               |           |         | <b>  </b>          | 76       | $\vdash$        | +  |              | $\vdash$                                |               | +       | Н            |     |       | 126<br>127 | $\dashv$        |          |              |          | $\dashv$ | $\dashv$   | $\dashv$ | $\dashv$      |
| -        | 27          | <u> </u> | $\vdash$        |           |          | $\vdash$ |          | Н        | $\vdash\vdash$  | 괵         |         |                    | 77       | <del> </del>    | +  | +            | $\vdash$                                |               | +       | H            |     |       | 128        | $\dashv$        | $\dashv$ | ⊢            | Н        |          | $\dashv$   | $\dashv$ | $\dashv$      |
|          | 28<br>29    | ┼        | $\vdash$        | -         |          | $\vdash$ |          | $\vdash$ | $\vdash$        | $\dashv$  |         | $\vdash$           | 78<br>79 | ╁               | -  | -            | Н                                       | +             | +       | $\vdash$     |     |       | 129        | $\dashv$        |          | ┢            | -        | ╅        | +  | $\dashv$ | $\dashv$      |
|          | 30          | _        | $\vdash$        | -         | -        | $\vdash$ |          | H        | $\vdash$        | -         |         |                    | 80       | H               | +  | ÷            | $\vdash$                                |               |         | H            |     |       | 130        | -+              | _        | <del> </del> | Н        | $\dashv$ | 一  | $\dashv$ | $\dashv$      |
| -        | 31          | ┼        | $\vdash$        |           |          | $\vdash$ | Н        | H        | $\vdash$        | $\dashv$  |         |                    | 81       | H               | -  | +            | $\vdash$                                | $\dashv$      | +       | H            |     |       | 131        | _               | -        |              |          | $\neg$   | $\dashv$   | $\dashv$ | $\dashv$      |
| _        | 32          | 1        | H               |           |          |          | -        |          |                 | _         |         | $\vdash$           | 82       | $\vdash$        | o  | $\dagger$    |   | $\dashv$      | +       | $\vdash$     |     |       | 132        | 7               |          | <del> </del> | Н        |          | $\dashv$   | $\dashv$ | $\neg$        |
|          | 33          | 1        | Н               |           |          | $\vdash$ | _        |          | $\Box$          | ┪         |         |                    | 83       | 1-1             | $\dashv$   | 1            |   |               | $\neg$  |              |     |       | 133        |                 |          |              | П        |          | 寸  | $\neg$   |               |
|          | 34          |          | П               |           | $\neg$   |          | М        | П        | $\sqcap$        | $\exists$ |         |                    | 84       | $\Box$          | $\top$   | $\top$       |   | 一             | 1       |              |     |       | 134        | 7               | $\neg$   | 1            |          |          | $\Box$   | $\neg$   | $\Box$        |
|          | 35          | 1        | П               |           |          | П        | П        |          |                 |           |         |                    | 85       | $\Box$          | $\neg$   | $\top$       | П                                       |               |         |              |     |       | 135        |                 |          | L            |          |          |  |          |               |
|          | 36          |          | П               |           |          |          | П        |          |                 |           |         |                    | 86       |                 |  | Ι            |   |               | 1       |              |     |       | 136        |                 |          |              |          |          |  |          |               |
|          | 37          | L        |                 |           |          |          |          |          |                 |           |         |                    | 87       |                 |  | $\perp$      |   |               |         |              |     |       | 137        |                 |          |              |          |          | $\Box$   |          |               |
|          | 38          |          |                 |           |          |          |          |          |                 |           |         |                    | 88       |                 | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$                | $oxed{\Box}$ |   |               |         |              |     |       | 138        |                 |          |              |          |          | $\Box$   |          |               |
|          | 39          |          |                 |           |          |          |          |          |                 |           |         |                    | 89       | $\Box$          | $\perp \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \!$ | $\perp$      |   |               |         | Ш            |     |       | 139        | Ц               |          | <u> </u>     | Ш        |          | $\Box$   | $\Box$   | $\dashv$      |
|          | 40          | $\Box$   |                 |           |          |          |          |          | Ш               |           |         | $oxedsymbol{oxed}$ | 90       |                 |  |              | $\Box$                                  |               |         | Ш            |     |       | 140        | $\Box$          |          | <u> </u>     | Ш        | ļ        | $\sqcup$   | _        | $\square$     |
|          | 41          |          | Ш               |           |          |          |          | <u> </u> | Ш               |           |         |                    | 91       |                 | $\perp$  | _            | Ш                                       |               | 4_      | Ш            |     |       | 141        |                 | $\bot$   | $\vdash$     | Щ        |          | 1  |          | Щ             |
|          | 42          | <u> </u> | Ш               |           |          | <u>L</u> |          |          | Ш               |           |         | لــــا             | 92       | $\sqcup$        | $\bot$   | $\bot$       |   |               | $\perp$ | Щ            |     |       | 142        | $\Box$          | $\perp$  | _            |          | $\dashv$ | $\dashv$   | _        | $\vdash$      |
|          | 43          | <u> </u> | Щ               |           |          |          |          | <u> </u> | Ш               | _         |         | $\bigsqcup$        | 93       | $\sqcup$        | $\perp$  | +            | $\sqcup$                                | $\perp$       | -       | Щ            |     |       | 143        | $\sqcup$        | +        | 1−           | _        | $\dashv$ | $\dashv$   | _        | $\vdash$      |
|          | 44          | 1        | Ш               |           | <u> </u> | <u> </u> | <u> </u> | $\vdash$ | Ш               |           |         | لــــــا           | 94       |                 | $\perp$  | $\perp$      |   | $\dashv$      | +       | $\square$    |     |       | 144        |                 |          | <del> </del> | $\vdash$ | $\Box$   | <del>                                     </del> | $\dashv$ | Н             |
|          | 45          | 1        |                 |           |          | <u> </u> |          | <u> </u> | $\vdash \vdash$ | _         |         | <u> </u>           | 95       | $\vdash \vdash$ | +  | +            | $\vdash$                                | _             | -       | +-           |     |       | 145        |                 |          | <u> </u>     | <u> </u> | $\vdash$ | $\dashv$   | $\dashv$ |               |
| <u> </u> | 46          |          | $\vdash$        |           |          | _        |          |          | $\square$       | _         |         | <u> </u>           | 96       | $\vdash \vdash$ | +  | +            | $\vdash$                                | +             | +       |              |     |       | 146        | $\dashv$        |          | ├-           |          | $\dashv$ | $\dashv$   | $\dashv$ | _             |
| <u> </u> | 47          | ₩        | $\vdash$        |           | $\vdash$ | H        | $\vdash$ | -        |                 | _         |         | <u> </u>           | 97       | ┵               | +  | +-           | $\vdash$                                | +             | +-      | +            |     |       | 147<br>148 | $\dashv$        | +        | ├            | -        | $\vdash$ | $\vdash \vdash$                                  | $\dashv$ | $\overline{}$ |
| <u> </u> | 48<br>49    | ╁╌       | $\vdash$        |           | -        |          | $\vdash$ | $\vdash$ | $\vdash \vdash$ | -         |         |                    | 98<br>99 | $\vdash$        | +  | +            | $\vdash$                                | +             | +       | H            |     |       | 149        | $\vdash \vdash$ | $\dashv$ | ┼            | $\vdash$ | -        | $\vdash$   | $\dashv$ | $\vdash$      |
| <u> </u> | 50          | +        | $\vdash$        | _         | $\vdash$ | $\vdash$ | $\vdash$ | $\vdash$ | $\vdash$        | -         |         | $\vdash$           | 100      | <del>   </del>  | +  | +            | $\vdash$                                | $\dashv$      | +-      | H            |     |       | 150        | $\dashv$        | -+-      | ╁            | $\vdash$ |          | -+   | $\dashv$ | $\vdash$      |
| L        | 1 20        |          |                 |           |          | Щ.       | لــــــا |          |                 |           | : : : : |                    | IUU      | L⊥              |  |              | لــــــــــــــــــــــــــــــــــــــ |               |         | :            |     |       | 130        | <u>1</u>        |          |              | Ц.       | لـــا    | ╙  |          |               |